

INTRODUCTION TO SALOME

OBJECTIVE: Discover SALOME platform - create models, meshes, post-process

CONTENT

Day 1

Introduction

- General Presentation of the platform
- Basic operations
- Presentation of modules SHAPER/GEOM, SMESH & VISU

Tutorial: Full simulation chain

- Create a geometry and prepare it for meshing
- Mesh the object and define boundary conditions
- Prepare and carry out calculation using a solver
- Visualize the results

Day 2

Geometry/mesh

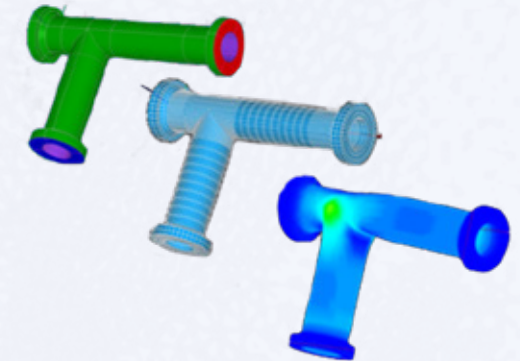
- Usage of the GUI
- Usage of scripts (Python)

Tutorial: Post-processing

- Reading of MED files
- Various types of results presentation

Questions/Answers

- Use SALOME to answer your industrial problem
- Review a blocking concept or particular concept



PREREQUISITES

- Knowledge of CAD-Calculations

DURATION, LOCATION

- 2 days
- At the Customer's site or at the premises of Open Cascade (Guyancourt, Lyon - FRANCE)